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CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS / PLANNERS / LANDSCAPE ARCHITECTS
Serving Connecticut, Massachusetts, & Rhode Island

November 22, 2022

Mr. Anthony Manfre, Superintendent of Pollution Control
Town of South Windsor
1540 Sullivan Avenue
South Windsor, CT 06074

Re: WPCA Application for Request to Increase Flow Rate for Commercial Sewer Service
Pleasant Valley Elementary School
591 Ellington Road
South Windsor, CT 06074

Dear Mr. Manfre,

Design Professionals, Inc. has been engaged to provide engineering services for a proposed 1,300 SF addition to the approved 102,150 square feet elementary school. The 1,300 SF will provide space for an additional classroom with storage and a bathroom facility. No additional grease traps are proposed to accommodate this building addition.

The additional classroom will accommodate 4 to 6 special needs students with one or two teacher assistants. With up to 6 additional pupils, we anticipate the total daily sanitary flow will increase by 48 GPD per Section 4.B, Table 4 of the Connecticut Public Health Code. This would increase the original expected daily sanitary flow of 13,890 GPD to **13,938 GPD**, considering a new projected student and staff population of 932 (up from 926).

A previous assessment was completed for the property and the proposed water meter will be 4" in size. There is no proposed change to the water meter size with this application.

Please feel free to contact us with any questions or comments.

Regards,

DESIGN PROFESSIONALS, INC.

Daniel H. Jameson, P.E.
Project Manager